

Agricultural Prices

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February Prices Received Index Up 7.4 Percent

The February Prices Received Index 2011 Base (Agricultural Production), at 119.7, increased 7.4 percent from January and 26 percent from February 2021. At 114.1, the Crop Production Index was up 9.3 percent from last month and 17 percent from the previous year. The Livestock Production Index, at 126.0, increased 1.4 percent from January, and 35 percent from February last year. Producers received higher prices during February for soybeans, corn, hogs, and oranges but lower prices for broilers, broccoli, market eggs, and strawberries. In addition to prices, the volume change of commodities marketed also influences the indexes. In February, there was increased monthly movement for cattle, milk, broilers, and greenhouse & nursery and decreased marketing of soybeans, corn, tobacco, and wheat.

February Prices Paid Index Up 1.5 Percent

The February Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 126.2, is up 1.5 percent from January 2022 and 12 percent from February 2021. In February, prices were higher for feeder pigs, nitrogen, complete feeds, and feed grains.

Prices Received, Prices Paid, and Ratio of Prices Received to Prices Paid Indexes 2011 Base – United States: February 2022 with Comparisons

Index Group	February 2021	January 2022	February 2022
	(percent)	(percent)	(percent)
Prices received by farmers	95.3	111.5	119.7
Prices paid by farmers	112.2	124.3	126.2
Ratio of prices received to prices paid	85	90	95

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February Prices Received by Farmers

Crop production: The February index, at 114.1, is 9.3 percent higher than January and 17 percent higher than February 2021. The grain & oilseed and other crop index increases more than offset the vegetable & melon and fruit & tree nut index decreases.

Grain and oilseed: The February index, at 110.0, is up 11 percent from January and 24 percent from February 2021.

Feed grain: The February index, at 101.9, increased 9.6 percent from last month and 27 percent from a year ago. The corn price, at \$6.10 per bushel, is up 53 cents from last month and \$1.35 from February 2021.

Food grain: At 120.4, the index for February increased 4.8 percent from the previous month and 35 percent from a year ago. The February price for all wheat, at \$9.17 per bushel, is 69 cents higher than January and \$3.34 higher than February 2021. The February price for rice, at \$15.60 per cwt, is unchanged from January but \$1.20 higher than February 2021.

Oilseed: At 118.4, the index for February increased 14 percent from January and 18 percent from February 2021. The soybean price, at \$14.80 per bushel, is \$1.90 higher than January and \$2.10 higher than February a year earlier.

Fruit and tree nut: The February index, at 133.6, is down 0.2 percent from January but up 5.2 percent from a year earlier. Price decreases during February for strawberries, lemons, and grapefruit more than offset price increases for oranges, apples, and pears.

Vegetable and melon: At 128.3, the index for February decreased 0.6 percent from the previous month but increased 34 percent from February 2021. Price decreases during February for broccoli, cauliflower, celery, and tomatoes more than offset price increases in onions, carrots, lettuce, and potatoes.

Other crop: The February index, at 108.3, is up 1.3 percent from the previous month and 22 percent from February 2021. The all hay price, at \$187.00 per ton, is \$5.00 higher than January and \$29.00 higher than February 2021. At 99.7 cents per pound, the price for upland cotton is 3.8 cents higher than January and 26.9 cents higher than February 2021.

Livestock production: The index for February, at 126.0, increased 1.4 percent from the previous month and 35 percent from February a year earlier. Meat animal and dairy index increases offset the lower poultry and egg index.

Meat animal: At 116.2, the February index increased 4.6 percent from the previous month and 22 percent from a year earlier. At \$68.60 per cwt, the February hog price is \$9.80 higher than January and \$12.20 higher than a year earlier. The February beef cattle price of \$137.00 per cwt is \$2.00 higher than the previous month and \$25.00 higher than February 2021.

Dairy: The index for February, at 122.9, is up 2.1 percent from the previous month and 44 percent from February a year ago. The February all milk price of \$24.70 per cwt is 50 cents higher than January and \$7.60 higher than February 2021.

Poultry and egg: At 154.3, the February index decreased 3.8 percent from January but increased 57 percent from February 2021. The February market egg price, at \$1.21 per dozen, is 5.0 cents lower than January but 47.5 cents higher than February 2021. The February broiler price, at 74.7 cents per pound, is 4.3 cents lower than January but 30.9 cents higher than a year ago. At 89.8 cents per pound, the February turkey price is 3.1 cents higher than the previous month and 16.1 cents higher than February 2021.

Food Commodities: The index, at 125.4, increased 5.6 percent from the previous month and 29 percent from February 2021.

Prices Received Indexes, 2011 Base - United States: February 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

		2011 Base	
Index Group	February 2021	January 2022	February 2022
	(percent)	(percent)	(percent)
Agricultural production	95.3	111.5	119.7
Crop production	97.2	104.4	114.1
Grain and oilseed	88.4	99.0	110.0
Feed grain	80.0	93.0	101.9
Food grain	88.9	114.9	120.4
Oilseed	100.2	103.7	118.4
Fruit and tree nut	127.0	133.9	133.6
Vegetable and melon		129.1	128.3
Other crop	88.7	106.9	108.3
Livestock production	93.6	124.2	126.0
Meat animal	95.3	111.1	116.2
Cattle	98.7	118.5	120.4
Hog	84.8	88.4	103.2
Dairy	85.1	120.4	122.9
Poultry and egg	98.6	160.4	154.3
Food commodity	97.5	118.7	125.4

Prices Received Indexes, 1910-1914 Base - United States: February 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

	1910 - 1914 Base					
Index Group	February 2021	January 2022	February 2022			
	(percent)	(percent)	(percent)			
Agricultural production	984 848	1150 910	1236 995			
Livestock production	1087	1442	1463			

Prices Received Indexes, 2011 Base by Month for Selected Groups - United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

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	2011 Base							
Month	Agricultural Crop Livestock production production production					Food commodities		
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January	89.7	111.5	88.4	104.4	91.8	124.2	94.4	118.7
February	95.3	119.7	97.2	114.1	93.6	126.0	97.5	125.4
March	97.9		98.4		97.4		100.4	
April	104.5		105.1		104.0		107.2	
May	106.4		105.8		106.9		108.0	
June	107.5		107.2		107.7		109.0	
July	107.0		106.8		107.2		108.0	
August	109.5		109.9		109.0		110.8	
September	108.7		108.4		109.0		111.4	
October	106.8		106.0		108.1		111.7	
November	108.7		107.3		110.6		114.8	
December	112.5		105.9		120.2		118.2	

Prices Paid Indexes, 2011 Base by Month for Selected Groups - United States: 2021 and 2022

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Blank data cells indicate estimation period has not yet begun]

<u>, , , , , , , , , , , , , , , , , , , </u>	2011 Base							
Month	All items (PPITW)		Production		Crop sector		Livestock sector	
	2021	2022	2021	2022	2021	2022	2021	2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
January February March April May June July August September October November December	111.3 112.2 113.1 114.0 114.8 116.1 117.3 117.8 118.1 119.3 120.4 121.8	124.3 126.2	106.1 107.2 108.3 109.6 110.4 112.0 113.0 113.6 113.9 115.5 116.8 118.6	121.3 123.9	111.7 112.0 112.7 113.3 114.1 115.5 116.7 117.2 118.0 119.6 120.7 121.8	124.2 125.5	110.8 112.4 113.5 114.8 115.5 116.7 117.9 118.4 118.1 119.1 120.0 121.7	124.3 126.9

Prices Received for Field Crops and Fruits - United States: February 2022 with Comparisons

[Price data source for non-citrus fruit commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity		2011 Base Price	February 2021	January 2022	February 2022
Field crops					
Barley, all	dollars/bushel	4.79	4.97	5.59	5.43
	dollars/bushel	4.59	3.50	5.76	6.07
	dollars/bushel	4.83	5.02	5.54	5.33
Beans, dry edible		34.60	33.70	43.20	43.80
Canola		23.10	20.40	33.70	37.00
Chickpeas, all		35.70	22.50	34.50	32.10
		39.20		34.70	31.90
	dollars/cwt	23.40	23.50 19.30	25.60	35.80
Corn	dollars/cwt	6.02	4.75	5.57	6.10
Catton Unland	dellere /e ecced	0.000	0.700	0.050	0.007
Cotton, Upland		0.880	0.728	0.959	0.997
Cottonseed		131.00	185.00	241.00	255.00
Flaxseed		14.20	13.20	31.00	31.10
Hay, all, baled		159.00	158.00	182.00	187.00
	dollars/ton	176.00	171.00	211.00	214.00
	dollars/ton	119.00	139.00	144.00	146.00
Lentils		27.50	19.50	39.40	43.80
Oats		3.42	3.11	5.68	5.93
Peanuts, in-shell	dollars/pound	0.252	0.205	0.261	0.245
Peas, dry edible		13.60	10.90	13.60	15.30
Rice, all		13.70	14.40	15.60	15.60
Long	dollars/cwt	12.30	12.50	13.50	13.70
Medium and short	dollars/cwt	18.40	19.90	20.80	23.60
Sorghum grain	dollars/cwt	10.70	11.10	10.80	11.90
Soybeans	dollars/bushel	12.50	12.70	12.90	14.80
Sunflowers, all	dollars/cwt	29.00	21.40	31.00	32.10
Wheat, all	dollars/bushel	7.44	5.83	8.48	9.17
Winter	dollars/bushel	6.93	5.96	7.69	8.52
Durum	dollars/bushel	9.22	6.37	14.90	15.90
Other spring	dollars/bushel	8.33	5.62	8.53	9.16
Hard red winter	dollars/bushel	7.07	5.72	7.47	8.33
Soft red winter	dollars/bushel	6.77	6.53	7.10	7.82
Hard red spring	dollars/bushel	8.38	5.60	8.54	9.17
White	dollars/bushel	6.58	6.21	8.65	9.21
Fruits					
Citrus, equivalent on-tree					
	dollars/box	7.47	11.06	14.04	11.37
	dollars/box	12.30	18.96	17.96	12.17
	dollars/box	8.16	12.88	12.20	14.99
Non-citrus, fresh 1					
	dollars/pound	0.325	0.737	0.746	0.759
	dollars/ton	628.00	(S)	3,290.00	(S)
	dollars/ton	507.00	(S)	(S)	(S)
	dollars/ton	559.00	1,290.00	1,230.00	1,240.00
	dollars/cwt	104.00	207.00	231.00	192.00

⁽S) Insufficient number of reports to establish an estimate.

Beginning February 2020, price reflects FOB shipping point basis

Prices Received for Vegetables and Livestock - United States: February 2022 with Comparisons

[Price data source for vegetables, livestock, and poultry commodities is United States Department of Agriculture's Agricultural Marketing Service]

Commodity		2011 Base Price	February 2021	January 2022	February 2022
Vegetables, fresh ¹					
Asparagus	dollars/cwt	37.50	(S)	(S)	(S)
Beans, snap		69.00	54.00	70.00	74.80
Broccoli		41.60	36.90	91.00	61.00
Cantaloupes		16.50	(S)	(S)	(S)
Carrots		30.80	42.90	44.50	50.70
Cauliflower		47.00	46.30	99.10	60.50
Celery	dollars/cwt	22.50	47.80	51.70	49.90
Corn, sweet		30.70	77.40	43.50	48.60
Cucumbers		18.70	(S)	(S)	(S)
Lettuce	dollars/cwt	24.30	15.8Ó	21.10	22.10
Onions ²	dollars/cwt	11.90	19.20	39.80	46.50
Potatoes	dollars/cwt	14.30	9.70	13.50	13.90
Tomatoes	dollars/cwt	51.20	46.20	52.20	51.40
Livestock					
Calves	dollars/cwt	142.00	167.00	185.00	194.00
Cattle, all beef		115.00	112.00	135.00	137.00
Cows ³	dollars/cwt	71.60	65.60	71.60	77.90
Steers and heifers	dollars/cwt	117.00	115.00	139.00	141.00
Milk cows 4		1,420.00	(NA)	1,380.00	(NA)
Hogs, all		66.50	56.40	58.80	68.60
Barrows and gilts		66.80	56.40	59.30	68.80
Sows	dollars/cwt	57.90	56.90	45.90	63.70
Dairy and poultry					
Milk, all ⁵	dollars/cwt	20.10	17.10	24.20	24.70
Fat test		3.71	4.10	4.21	4.18
Broilers, live 6		0.459	0.438	0.790	0.747
Eggs, all		0.969	0.994	1.47	1.43
Market 7		0.796	0.735	1.26	1.21
Turkeys, live ⁸	dollars/pound	0.680	0.737	0.867	0.898
Adjusted for seasonal variation					
Eggs, all	dollars/dozen	0.979	0.913	1.30	1.31
Seasonal factor		101	109	113	109
Milk, all	dollars/cwt	20.20	17.50	24.10	25.30
Seasonal factor		100	98	100	98

(NA) Not available.

(S) Insufficient number of reports to establish an estimate.

Beginning February 2020, price reflects FOB shipping point basis 2 Includes some processing.

Beef cows and cull dairy cows sold for slaughter.
 Animals sold for dairy herd replacement only. Prices available for January, April, July, and October.

⁵ Before deductions for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies.

⁶ Live weight equivalent price.

⁷ Also referred to as table eggs.

⁸ Live weight equivalent price is used when actual live weight price is not available. Beginning January 2011, price reflects FOB shipping point basis. Prior year price reflects delivered basis.

Prices Received for All Wheat, Corn, and Soybeans by Month - United States: 2022 with Comparisons

[Blank data cells indicate estimation period has not yet begun]

Month		All wheat			Corn			Soybeans	
WOTH	2020	2021	2022	2020	2021	2022	2020	2021	2022
	(dollars per bushel)								
January	4.88	5.48	8.48	3.79	4.24	5.57	8.84	10.90	12.90
February	4.88	5.83	9.17	3.78	4.75	6.10	8.60	12.70	14.80
March		5.86		3.68	4.89		8.47	13.20	
April	4.85	6.04		3.29	5.31		8.35	13.90	
May	4.76	6.46		3.20	5.91		8.28	14.80	
June	4.57	6.24		3.16	6.00		8.34	14.50	
July	4.54	6.26		3.21	6.12		8.50	14.10	
August	4.54	7.13		3.12	6.32		8.66	13.70	
September	4.73	7.75		3.41	5.47		9.24	12.20	
October	4.98	7.90		3.61	5.02		9.63	11.90	
November	5.24	8.51		3.79	5.27		10.30	12.20	
December	5.46	8.58		3.97	5.47		10.60	12.50	

Prices Received for Beef Cattle and All Hogs by Month - United States: 2022 with Comparisons

[Price data source for livestock commodities is United States Department of Agriculture's Agricultural Marketing Service. Blank data cells indicate estimation period has not yet begun]

Month		Beef cattle 1		All hogs ²			
MONTH	2020	2021	2022	2020	2021	2022	
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)	
January	122.00	110.00	135.00	47.80	50.20	58.80	
February	120.00	112.00	137.00	45.50	56.40	68.60	
March	113.00	113.00		47.70	67.20		
April	108.00	118.00		42.30	75.60		
May	109.00	118.00		51.00	79.30		
June	109.00	121.00		41.30	82.70		
July	97.10	122.00		39.90	80.00		
August	103.00	123.00		42.90	79.00		
September	104.00	124.00		49.70	70.80		
October	106.00	123.00		56.30	65.50		
November	107.00	129.00		51.90	58.60		
December	108.00	137.00		49.10	56.50		

¹ Cows and steers & heifers. ² Barrows & gilts and sows.

Prices Received for All Wheat - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D)	(S)	(S)
Arkansas	(S)	(D)	(S)
California	(D)	(D)	(S)
Colorado	4.96	6.83	7.95
Idaho	5.52	7.31	8.07
Illinois	6.18	7.18	7.42
Indiana	5.93	6.84	7.89
Kansas	6.08	7.43	8.30
Michigan	6.18	6.36	7.09
Minnesota	5.70	8.45	9.31
Missouri	7.08	7.52	7.97
Montana	5.55	8.87	9.94
Nebraska	5.65	7.35	8.35
North Carolina	6.54	8.05	8.47
North Dakota	5.68	9.42	9.81
Ohio	5.90	6.75	7.90
Oklahoma	6.03	7.39	8.29
Oregon	6.87	9.40	10.30
South Dakota	5.61	7.91	8.81
Texas	5.94	8.15	7.54
Washington	6.34	9.32	9.40
United States	5.83	8.48	9.17

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Winter Wheat - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	(S)	(D)	(S)
California	(D)	(D)	(S)
Colorado	4.96	6.83	7.95
Idaho	5.55	7.26	8.02
Illinois	6.18	7.18	7.42
Indiana	5.93	6.84	7.89
Kansas	6.08	7.43	8.30
Michigan	6.18	6.36	7.09
Missouri	7.08	7.52	7.97
Montana	5.41	7.43	8.40
Nebraska	5.65	7.35	8.35
North Carolina	6.54	8.05	8.47
North Dakota	(D)	8.58	9.04
Ohio	5.90	6.75	7.90
Oklahoma	6.03	7.39	8.29
Oregon	6.87	9.40	10.30
South Dakota	5.66	7.68	8.65
Texas	5.94	8.15	7.54
Washington	6.32	9.33	9.40
United States	5.96	7.69	8.52

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Durum Wheat - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arizona	(D) (D)	(S) (D) (S) (D) 14.20	(S) (S) (S) (D) 15.30
United States	6.37	14.90	15.90

⁽D) Withheld to avoid disclosing data for individual operations. (S) Insufficient number of reports to establish an estimate.

Prices Received for Spring Wheat - States and United States: February 2022 with Comparisons

			•
State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Idaho Minnesota Montana North Dakota South Dakota Washington	5.37 5.70 5.53 5.58 5.55 6.42	7.46 8.45 8.81 8.50 8.33 9.31	8.19 9.31 9.43 9.03 8.91 9.38
United States	5.62	8.53	9.16

Prices Received for Oats - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Illinois	(D)	(D)	(S)
lowa	3.87	4.59	6.48
Michigan	3.45	5.02	4.81
Minnesota	2.89	5.27	5.69
Montana	(S)	(D)	(S)
Nebraska	(D)	6.43	(D)
New York	(D)	(S)	(S)
North Dakota	2.72	5.24	4.98
Oregon	(D)	(S)	(S)
Pennsylvania	(D)	(S)	(D)
South Dakota	3.06	6.30	6.55
Texas	(S)	(S)	(S)
Wisconsin	2.99	5.38	6.22
United States	3.11	5.68	5.93

⁽D) Withheld to avoid disclosing data for individual operations.

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for All Barley - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California Colorado Idaho Minnesota Montana North Dakota Washington Wyoming	(D) 4.95 5.12 4.25 4.68 4.86 5.16 (D)	(S) 5.15 5.48 (D) 6.15 5.43 5.91 (D)	(D) 4.95 5.38 (D) 6.67 5.47 5.44 5.00
United States	4.97	5.59	5.43

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Malting Barley – States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D) 4.95 5.13 (D) 4.72 4.99 (D)	(S) 5.13 5.50 (D) 5.79 5.50 5.92 (D)	(S) 4.92 5.37 (D) 6.37 5.35 (S) 5.00
United States	5.02	5.54	5.33

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Feed Barley – States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
California	(D) (S)	(S) (D)	(D) (D)
Idaho Minnesota	(D) 3.71	5.30 (S)	5.61 (D)
Montana North Dakota Washington	3.62 3.51 3.40	6.48 5.37 5.72	(D) 5.86 5.44
Wyoming	(S)	(S)	(S)
United States	3.50	5.76	6.07

⁽D) Withheld to avoid disclosing data for individual operations.

⁽S) Insufficient number of reports to establish an estimate.

⁽S) Insufficient number of reports to establish an estimate.

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Corn - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Colorado	4.90	5.90	6.30
Illinois	4.69	5.48	6.28
Indiana	4.74	5.58	6.16
lowa	4.87	5.70	6.11
Kansas	4.94	5.96	6.40
Kentucky	4.67	5.49	6.09
Michigan	4.89	5.47	5.88
Minnesota	4.57	5.23	5.86
Missouri	4.77	5.75	6.18
Nebraska	4.64	5.57	5.95
North Carolina	5.98	6.65	7.06
North Dakota	4.39	5.39	5.88
Ohio	4.80	5.56	5.95
Pennsylvania	5.69	6.18	6.76
South Dakota	4.63	5.69	6.11
Tennessee	5.32	5.81	6.10
Texas	5.50	6.36	6.87
Wisconsin	4.74	5.39	5.84
United States	4.75	5.57	6.10

Prices Received for Sorghum Grain - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas	11.00 11.70 11.90 11.30	10.90 10.40 8.85 10.80	11.80 12.00 11.60 12.30
United States	11.10	10.80	11.90

Prices Received for Soybeans - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
Arkansas	12.90	13.50	(D)
Illinois	12.40	12.80	14.90
Indiana	12.60	12.80	14.60
lowa	12.70	12.90	14.50
Kansas	12.90	13.30	14.80
Kentucky	12.10	12.70	14.20
Louisiana	11.60	13.40	14.80
Michigan	13.40	13.50	15.80
Minnesota	13.10	12.70	14.80
Mississippi	12.40	12.30	14.70
Missouri	12.80	13.20	14.90
Nebraska	12.50	12.80	14.70
North Carolina	13.10	13.30	14.60
North Dakota	12.50	12.80	14.30
Ohio	12.70	13.30	14.90
South Dakota	12.30	13.00	14.80
Tennessee	12.30	12.90	14.70
Wisconsin	13.00	12.50	14.70
United States	12.70	12.90	14.80

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Dry Beans - States and United States: February 2022 with Comparisons

			•
State	February 2021	January 2022	February 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
California	(D) (D) (D) 39.40 32.20 (D) 29.40	66.90 (D) (D) 40.90 43.60 (D) 42.90	(D) 45.30 (D) 44.90 44.50 (D) 45.90
United States	33.70	43.20	43.80

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Canola - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Minnesota	(D) 17.00 20.50 (S)	(D) 30.20 33.70 (S)	(D) (D) 37.30 (S)
United States	20.40	33.70	37.00

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Flaxseed - States and United States: February 2022 with Comparisons

		•	•
State	February 2021	January 2022	February 2022
	(dollars per bushel)	(dollars per bushel)	(dollars per bushel)
North Dakota	13.20	31.00	31.10
United States	13.20	31.00	31.10

Prices Received for Peanuts (in shell) - States and United States: February 2022 with Comparisons

State	February 2021	January 2022	February 2022
	(dollars per pound)	(dollars per pound)	(dollars per pound)
Alabama	0.210	0.249	0.254
Arkansas	(S)	0.127	(S)
Florida	0.208	0.261	0.249
Georgia	0.202	0.249	0.236
Mississippi	0.185	0.206	0.263
New Mexico	0.563	(S)	(S)
North Carolina	0.220	0.304	0.268
Oklahoma	0.227	0.290	0.297
South Carolina	0.218	0.254	0.256
Texas	0.232	0.288	0.300
Virginia	(S)	0.256	0.252
United States	0.205	0.261	0.245

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Sunflower - States and United States: February 2022 with Comparisons

			•
State	February 2021	January 2022	February 2022
	(dollars per cwt)	(dollars per cwt)	(dollars per cwt)
Kansas Minnesota North Dakota South Dakota	21.70	(D) 29.30 30.80 31.60	(D) 30.00 31.90 33.00
United States	21.40	31.00	32.10

⁽D) Withheld to avoid disclosing data for individual operations.

⁽S) Insufficient number of reports to establish an estimate.

Prices Received for Upland Cotton and Cottonseed - States and United States: February 2022 with Comparisons

[Cottonseed marketing year August - February]

		Cotton, Upland		Cottonseed			
State	February 2021	January 2022	February 2022	February 2021	January 2022	February 2022	
	(dollars per pound)	(dollars per pound)	(dollars per pound)	(dollars per ton)	(dollars per ton)	(dollars per ton)	
Alabama	0.718	0.936	(D)	128.00	152.00	152.00	
Arizona	(D)	(S)	(D)	258.00	381.00	381.00	
Arkansas	(D)	(D)	(D)	(S)	(S)	(S)	
California	(D)	(S)	(S)	(S)	(S)	(S)	
Georgia	0.763	1.010	1.080	154.00	185.00	185.00	
Louisiana	0.735	(D)	(S)	(S)	(S)	(S)	
Mississippi		0.888	(S)	(S)	(S)	(S)	
North Carolina	0.724	0.994	(D)	233.00	208.00	208.00	
Tennessee	0.802	0.964	1.030	(S)	(S)	(S)	
Texas	0.680	0.955	0.988	(S)	252.00	252.00	
United States	0.728	0.959	0.997	185.00	241.00	255.00	

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received and Marketings for Upland Cotton and Rice - United States: February 2022 with Comparisons

Item	February 2021	January 2022	February 2022
Cotton, Upland	0.700	0.050	0.007
Average pricedollars/pound Marketings ¹ 1,000 bales	0.728 783	0.959 3,356	0.997 1,053
Rice, all			
Average pricedollars/cwt	14.40	15.60	15.60
Marketings ² 1,000 cwt	14,782	17,403	14,384
Rice, long			
Average price	12.50	13.50	13.70
Marketings ² 1,000 cwt	11,132	12,416	11,665
Rice, medium and short California			
Average pricedollars/cwt	22.50	21.80	26.50
Other States ³			
Average pricedollars/cwt	13.20	13.80	14.10
United States			
Average price	19.90	20.80	23.60
Marketings ² 1,000 cwt	3,650	4,987	2,719

¹ Marketings based on a survey of cotton buyers in the major producing States - Alabama, Arizona, Arkansas, California, Georgia, Louisiana, Mississippi, North Carolina, Tennessee, and Texas.

⁽S) Insufficient number of reports to establish an estimate.

Purchases by private firms and rice (rough equivalent) shipped by cooperatives.
 Other States include Arkansas, Louisiana, Mississippi, Missouri, and Texas.

Prices Received for Hay by Type - States and United States: February 2022 with Comparisons

		All hay			Alfalfa hay			Other hay	
State	February 2021	January 2022	February 2022	February 2021	January 2022	February 2022	February 2021	January 2022	February 2022
-	(dollars per ton)								
Arizona	190.00	235.00	250.00	190.00	235.00	250.00	190.00	200.00	200.00
California	186.00	206.00	214.00	195.00	220.00	225.00	155.00	170.00	175.00
Colorado	214.00	213.00	209.00	210.00	210.00	205.00	225.00	235.00	235.00
Idaho	163.00	229.00	234.00	165.00	235.00	240.00	140.00	180.00	185.00
Illinois	153.00	164.00	167.00	165.00	175.00	175.00	110.00	135.00	140.00
lowa	128.00	155.00	153.00	132.00	165.00	156.00	108.00	138.00	144.00
Kansas	144.00	161.00	160.00	169.00	184.00	185.00	95.00	108.00	107.00
Kentucky	154.00	166.00	166.00	215.00	220.00	220.00	140.00	150.00	150.00
Michigan	182.00	179.00	180.00	200.00	200.00	200.00	155.00	140.00	140.00
Minnesota	124.00	181.00	179.00	135.00	197.00	193.00	84.00	153.00	152.00
Missouri	109.00	116.00	115.00	155.00	165.00	165.00	100.00	105.00	105.00
Montana	133.00	244.00	249.00	135.00	250.00	255.00	125.00	215.00	215.00
Nebraska	108.00	146.00	145.00	117.00	162.00	162.00	88.00	102.00	102.00
Nevada	189.00	199.00	200.00	190.00	200.00	200.00	180.00	175.00	180.00
New Mexico	218.00	227.00	227.00	225.00	230.00	230.00	180.00	210.00	210.00
New York	171.00	151.00	147.00	221.00	210.00	204.00	168.00	133.00	129.00
North Dakota	96.00	165.00	173.00	100.00	176.00	186.00	70.00	111.00	109.00
Ohio	176.00	167.00	168.00	210.00	190.00	190.00	160.00	150.00	150.00
Oklahoma	102.00	108.00	114.00	192.00	174.00	189.00	87.00	100.00	100.00
Oregon	193.00	246.00	248.00	205.00	250.00	250.00	180.00	240.00	245.00
Pennsylvania	215.00	158.00	150.00	286.00	230.00	220.00	198.00	141.00	135.00
South Dakota	106.00	147.00	158.00	115.00	165.00	174.00	82.00	117.00	121.00
Texas	153.00	154.00	158.00	221.00	206.00	213.00	144.00	148.00	148.00
Utah	192.00	254.00	259.00	195.00	255.00	260.00	135.00	195.00	195.00
Washington	173.00	244.00	254.00	170.00	230.00	245.00	180.00	270.00	275.00
Wisconsin	167.00	155.00	153.00	179.00	160.00	160.00	118.00	134.00	129.00
Wyoming	175.00	222.00	221.00	175.00	230.00	230.00	175.00	195.00	195.00
United States	158.00	182.00	187.00	171.00	211.00	214.00	139.00	144.00	146.00

Prices Received for Premium and Supreme Alfalfa Hay – States and 5-State Total: February 2022

State	February 2021	January 2022	February 2022
	(dollars per ton)	(dollars per ton)	(dollars per ton)
California	220.00	255.00	260.00
Idaho	185.00	270.00	280.00
Michigan	225.00	220.00	220.00
Minnesota	187.00	239.00	229.00
New York	256.00	280.00	284.00
Pennsylvania	340.00	265.00	275.00
Texas	228.00	243.00	247.00
Wisconsin	232.00	250.00	243.00
5-State Total ^{1 2}	211.00	262.00	266.00

^{1 5-}State total represents a weighted (hay purchases) average price for the five largest milk producing States (based on the pounds of milk produced during the previous month).

² For February 2021, includes California, Idaho, New York, Texas, and Wisconsin. For January 2022, includes California, Idaho, New York, Texas, and Wisconsin. For February 2022, includes California, Idaho, New York, Texas, and Wisconsin.

Prices Received for Citrus Fruits by Utilization - United States: February 2021

	FOB			Equivale	nt returns			
Commodity	packed	Pa	ackinghouse do	or	On-tree			
	fresh	All	Fresh	Process	All	Fresh	Process	
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
Grapefruit	38.50	13.55	27.13	6.20	11.06	24.84	3.60	
Lemons	45.10	25.47	34.47	(D)	18.96	27.55	(D)	
Oranges	34.10	15.88	23.41	8.01	12.88	20.47	4.94	

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Citrus Fruits by Utilization - United States: January 2022

	FOB		Equivalent returns					
Commodity	packed	Pa	ackinghouse do	or	On-tree			
	fresh	All	Fresh	Process	All	Fresh	Process	
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	
Grapefruit	43.80	16.86	32.48	5.96	14.04	30.16	2.78	
Lemons	44.00	24.46	33.33	(D)	17.96	26.41	(D)	
Oranges	37.50	15.26	26.83	9.83	12.20	23.85	6.73	

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for Citrus Fruits by Utilization - United States: February 2022

	FOB			Equivale	nt returns		
Commodity	packed	Pa	ackinghouse do	or	On-tree		
	fresh	All	Fresh	Process	All	Fresh	Process
	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)	(dollars per box)
Grapefruit	42.30	14.43	30.79	6.46	11.37	28.33	3.11
Lemons	44.40	18.38	33.75	(D)	12.17	26.83	(D)
Oranges	39.30	18.05	28.58	10.17	14.99	25.60	7.04

⁽D) Withheld to avoid disclosing data for individual operations.

Prices Received for All Milk - States and United States: February 2022 with Comparisons

[Before deduction for hauling. Includes quality, quantity, and other premiums. Excludes hauling subsidies]

State	February 20	21	January 20	22	February 2	022
State	Price	Fat test	Price	Fat test	Price	Fat test
	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)	(dollars per cwt)	(percent)
Arizona	15.20	3.77	23.30	3.92	24.20	3.85
California	17.80	3.98	24.40	4.19	24.90	4.14
Colorado	16.90	4.00	24.00	4.03	24.70	4.01
Florida	20.00	3.70	26.10	3.71	27.50	3.73
Georgia	18.90	3.83	25.60	3.78	26.90	3.81
Idaho	17.00	4.19	24.30	4.31	25.00	4.27
Illinois	16.60	4.12	23.80	4.22	24.60	4.20
Indiana	17.10	4.11	23.90	4.15	24.60	4.13
lowa	17.40	4.27	23.40	4.35	24.10	4.28
Kansas	14.30	4.16	23.20	4.28	23.70	4.29
Michigan	15.90	4.02	23.20	4.11	23.80	4.08
Minnesota	17.80	4.31	23.70	4.43	24.20	4.41
New Mexico	14.00	3.95	22.40	4.03	22.90	4.02
New York	17.40	4.11	24.70	4.16	25.40	4.13
Ohio	17.80	4.05	23.60	4.11	24.10	4.11
Oregon	19.50	4.18	26.00	4.43	26.30	4.37
Pennsylvania	17.40	4.09	24.80	4.13	25.70	4.11
South Dakota	18.70	4.57	25.20	4.70	25.80	4.67
Texas	16.00	4.36	25.60	4.42	25.20	4.42
Utah	17.00	4.01	24.00	4.15	24.70	4.11
Vermont	17.90	4.13	25.20	4.19	26.00	4.16
Virginia	18.90	4.01	25.20	4.05	26.30	4.05
Washington	16.40	4.18	25.20	4.34	25.80	4.27
Wisconsin	17.20	4.13	23.40	4.19	24.00	4.17
United States	17.10	4.10	24.20	4.21	24.70	4.18

Prices Received for Milk Cows - States and United States: January 2022 with Comparisons

[Animals sold for dairy herd replacement only. Quarterly United States milk cow prices are based on revised milk cow inventory]

State	January 2021	October 2021	January 2022
	(dollars per head)	(dollars per head)	(dollars per head)
Arizona	1,500	1,500	1,500
California	1,350	1,300	1,330
Colorado	1,300	1,400	1,400
Florida	1,400	1,430	1,460
Georgia	1,280	1,290	1,250
Idaho	1,350	1,300	1,350
Illinois	1,290	1,320	1,300
Indiana	1,350	1,320	1,370
lowa	1,310	1,310	1,380
Kansas	1,400	1,380	1,450
Michigan	1,400	1,360	1,410
Minnesota	1,260	1,260	1,320
New Mexico	1,400	1,450	1,400
New York	1,300	1,270	1,330
Ohio	1,230	1,300	1,310
Oregon	1,300	1,250	1,400
Pennsylvania	1,250	1,310	1,400
South Dakota	1,350	1,330	1,350
Texas	1,400	1,350	1,400
Utah	1,200	1,250	1,200
Vermont	1,350	1,400	1,460
Virginia	1,180	1,260	1,300
Washington	1,350	1,350	1,400
Wisconsin	1,470	1,450	1,470
United States	1,360	1,340	1,380

Parity Price Overview

Parity prices, based on data from January 2021, and adjusted base price data from which parity prices are computed are presented in the tables on the following pages. Parity prices are computed under the provisions of Title III. Subtitle A, Section 301(a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, 1954, and 1956.

The parity prices shown in this report are based on the provisions of the amended Act. Briefly, the actual method of computation is as follows:

- a. The average of prices received by farmers for individual commodities for the 10 preceding years is calculated (for 2021, the 10-average includes the years 2011-2020). An allowance for unredeemed loans and other supplemental payments resulting from price support programs, such as the deficiency payments for grains and cotton, is included for those commodities for which applicable.
- b. This 10-year average is divided by the average of the Index of Prices Received by Farmers for the same 10 preceding calendar years, adjusted to include an allowance for unredeemed loans and other supplemental price support operations, to give an "adjusted base price".
- c. Parity prices are computed by multiplying the "adjusted base prices" by the current Parity Index (the Index of Prices Paid by Farmers, including Interest, Taxes, and Wage Rates, 1910-1914=100).

Parity prices are calculated in terms of prices received by farmers in the local markets in which they ordinarily sell. This means that the parity prices apply to the average of all classes and grades of the commodity as sold by all farmers in the United States, except as otherwise specified. Fruits and vegetables for fresh use and for processing are usually considered separate commodities and separate parity prices are calculated. The Agricultural Marketing Agreement Act of 1937 provided for parity prices for certain commodities covered by a marketing agreement or order program. Under present legislation, United States parity prices, with appropriate adjustments where needed, may be used for the purpose of this Act.

Commodity Parity Prices and Price as Percent of Parity Price – United States: February 2022 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February Agricultural Prices for details on adjusted base price and parity price computations. Parity data not available for blank cells. Primary source of data for livestock and milk prices is United States Department of Agricultural Marketing Service]

Common ditte and smit	Adjusted		Parity price		F	Price as percent of parity	t
Commodity and unit	base price	February 2021	January 2022	February 2022	February 2021	January 2022	February 2022
	(dollars)	(dollars)	(dollars)	(dollars)	(percent)	(percent)	(percent)
Basic commodities							
All wheatbushel	0.532	17.00	17.90	18.20	34	47	50
Ricecwt	1.28	40.00	43.00	43.70	36	36	36
Cornbushel	0.409	13.10	13.70	14.00	36	41	44
Cotton							
Uplandpound	0.066	2.11	2.22	2.25	35	43	44
American Pimapound	0.126	4.19	4.23	4.30	28	28	28
Peanutspound	0.022	0.682	0.739	0.752	30	35	33
Small chickpeas 1cwt	2.24	71.30	75.30	76.50	27	34	47
Large chickpeas 1cwt	2.84	92.10	95.50	97.00	26	36	33
Lentils ¹ cwt	2.21	70.10	74.30	75.50	28	53	58
Designated non-basic							
All milk, to plants 2cwt	1.75	55.50	58.80	59.80	32	41	42
Honey, extracted ³ pound	0.198	5.98	6.65	6.76	34	31	30
Wool and mohair							
Woolpound	0.148	4.68	4.97	5.06	35	34	34
Mohairpound	0.466	14.30	15.70	15.90	35	36	35
Other non-basic							
Apples, fresh 4pound	0.042	1.180	1.410	1.430	62	53	53
Barleybushel	0.487	15.30	16.40	16.60	32	34	33
Canolacwt	1.79	56.10	60.20	61.10	36	56	61
Cottonseed ton	19.30	598.00	649.00	659.00	31	37	39
Dry edible beanscwt	3.09	96.70	104.00	106.00	35	42	41
Flaxseedbushel	1.11	33.20	37.30	37.90	40	83	82
Oatsbushel	0.288	8.96	9.68	9.84	35	59	60
Potatoes, freshcwt	1.09	32.90	36.60	37.20	29	37	37
Sorghum graincwt	0.716	22.60	24.10	24.50	49	45	49
Soybeansbushel	1.02	31.90	34.30	34.80	40	38	43
Sunflower, allcwt	2.02	64.20	67.90	69.00	33	46	47
Citrus (equivalent on-tree)							
Grapefruitbox	0.936	28.10	31.50	32.00	39	45	36
Lemonsbox	2.03	61.40	68.20	69.30	31	26	18
Orangesbox	1.070	32.60	36.00	36.60	40	34	41
Livestock and poultry							
Beef cattlecwt	11.70	366.00	393.00	400.00	31	34	34
Broilerspound	0.050	1.55	1.68	1.71	28	47	44
Calvescwt	17.30	539.00	581.00	591.00	31	32	33
Eggs ² dozen	0.099	3.07	3.33	3.38	30	39	39
Hogscwt	5.47	172.00	184.00	187.00	33	32	37
Turkeys, livepound	0.066	2.050	2.220	2.250	36	39	40

¹ Parity prices began January 2015.

² Seasonally adjusted price as percentage of parity price.

³ Wholesale extracted. Adjusted base price derived from state annual averages prices weighted by production. For 1982 through 1985 the national averages are the support prices.

⁴ Equivalent packinghouse-door returns for California, New York, Oregon, and Washington. Price at point of first sale for other states.

Commodity Parity Prices - United States: February 2022 with Comparisons

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February Agricultural Prices for details on adjusted base price and parity price computations]

	Adjusted	Parity price			
Commodity and unit	base price	February 2021	January 2022	February 2022	
	(dollars)	(dollars)	(dollars)	(dollars)	
Field crops and miscellaneous					
Hopspound	0.457	13.60	15.40	15.60	
Mustard seedcwt	3.04	95.20	102.00	104.00	
Rapeseedcwt	2.50	79.10	84.00	85.40	
Ryebushel	0.621	19.60	20.90	21.20	
Safflowercwt	2.20	67.90	73.90	75.20	
Spearmint oilpound	1.71	53.90	57.50	58.40	
Sweet potatoescwt	2.05	63.20	68.90	70.00	
Tobacco					
Flue-cured, 11-14pound	0.186	5.74	6.25	6.35	
Fire-cured, 21-23pound	0.255	7.94	8.57	8.71	
Burley, 31pound	0.186	5.67	6.25	6.35	
Maryland, 32pound	0.175	5.39	5.88	5.98	
Dark air-cured, 35-37pound	0.227	7.07	7.63	7.75	
Pennsylvania seedleaf, 41pound	0.224	6.63	7.53	7.65	
Non-citrus fruit					
Apples, processing 1 2ton	20.60	645.00	692.00	704.00	
Apricots, fresh ³ ton	125.00	3,940.00	4,200.00	4,270.00	
Avocados ^{2 3} ton	185.00	6,010.00	6,220.00	6,320.00	
Cherries		,	,	,	
Sweetton	214.00	6,570.00	7,190.00	7,310.00	
Tart ² pound	0.030	0.899	1.010	1.020	
Cranberry ^{2 4} barrel	3.32	105.00	112.00	113.00	
Dates (California) 3ton	220.00	6,390.00	7,390.00	7,520.00	
Grapes (California)					
Wine, processington	79.40	2.430.00	2.670.00	2.710.00	
Kiwifruit ² ton	128.00	3.630.00	4,300.00	4,370.00	
Nectarines, fresh (California) 3ton	84.20	2,510.00	2,830.00	2,880.00	
Olives, canning (California) 4ton	112.00	3,470.00	3,760.00	3,830.00	

See footnote(s) at end of table.

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Commodity Parity Prices - United States: February 2022 with Comparisons (continued)

[Parity prices are computed under the provisions of Title III, Subtitle a, Section 301 (a) of the Agricultural Adjustment Act of 1938 as amended by the Agricultural Acts of 1948, 1949, and 1956. See February Agricultural Prices for details on adjusted base price and parity price computations]

	Adjusted	Parity price			
Commodity and unit	base price	February 2021	January 2022	February 2022	
	(dollars)	(dollars)	(dollars)	(dollars)	
Non-citrus fruit - continued					
Papayas (Hawaii)pound	0.042	1.34	1.41	1.43	
Papayas (Hawaii)pound Peaches, fresh ^{4 5} ton	111.00	3,070.00	3,730.00	3,790.00	
Pears, fresh 5ton	61.70	1,900.00	2,070.00	2,110.00	
Plums (California) equivalent on-tree					
Fresh 6ton	85.50	2,220.00	2,870.00	2,920.00	
Strawberries					
Fresh 7pound	10.20	292.00	343.00	348.00	
Processingpound	3.94	111.00	132.00	135.00	
Sugar crops					
Sugarbeets 2 8ton	4.56	146.00	153.00	156.00	
Sugarcane ^{2 8} ton	3.41	104.00	115.00	116.00	
Tree nuts 9					
Almondspound	0.254	7.53	8.54	8.68	
Hazelnutston	230.00	7,050.00	7,730.00	7,860.00	
Pistachiospound	0.253	7.26	8.50	8.64	
Walnutston	225.00	7,020.00	7,560.00	7,690.00	
Vegetables, fresh ⁷					
Čarrots ¹⁰ cwt	2.71	83.90	91.10	92.60	
Cauliflower 10cwt	4.35	139.00	146.00	149.00	
Celery 10cwt	2.13	61.00	71.60	72.80	
Honeydew melonscwt	2.09	75.00	70.20	71.40	
Lettucecwt	2.66	75.00	89.40	90.90	
Onions 10cwt	1.41	42.00	47.40	48.20	
Tomatoescwt	4.07	119.00	137.00	139.00	

¹ Equivalent returns at processing plant door.

² Adjusted base price is carried forward from the previous year since current marketing year average price is not yet available.

³ Equivalent returns at packinghouse door.

⁴ Equivalent returns for bulk fruit at first delivery point.

⁵ Equivalent packinghouse-door returns for California, New York (apples only), Oregon (except peaches), and Washington. Price at point of first sale for other states.

⁶ Based on "as sold" prices for fresh fruit in all states.

⁷ FOB shipping point price.

⁸ Relates to prices including average conditional payments per ton made under the sugar acts of 1937 and 1948. Crop deficiency and abandonment payments not included.

⁹ Prices In-Shell basis except almonds which are shelled basis.

¹⁰ Includes some processing.

Reliability of Prices Received Estimates

Definition: Prices received represent sales from producers to first buyers. They include all grades and qualities. The average commodity price from the survey multiplied by the total quantity marketed theoretically should give the total cash receipts for the commodity.

Survey procedures: Primary sales data used to determine grain prices were obtained from probability samples of about 1,900 mills and elevators. These procedures ensure that virtually all grain moving into commercial channels has a chance of being included in the survey. Generally, States surveyed account for 90 percent or more of total United States production. Livestock prices are obtained from packers, stockyards, auctions, dealers, and market check data from AMS-USDA, private marketing organizations, and state commodity groups and agencies. Inter-farm sales of grain and livestock are not included since they represent very small percentages of the total sales. Grain marketed for seed is also excluded. Fruit and vegetable prices are obtained from sample surveys and market check data from AMS-USDA, private marketing organizations, state agencies, and universities.

Summary and estimation procedures: Survey quantities sold are expanded by strata to state levels and used to weight average strata prices to a state average. State prices are then weighted to a United States price based on expanded sales. Recommendations are prepared by the Regional Field Offices and reviewed by the Agricultural Statistics Board in Washington, D.C. State recommendations are reviewed for reasonableness with survey data, other States, and recent historic estimates.

Revisions: In general, revisions are made during annual commodity market year estimation time, following five-year Census revisions, or when later information is received. Revisions are published in monthly issues of Agricultural Prices.

Reliability: United States price estimates based on probability surveys generally have a sampling error of less than one percent for the major commodities such as corn, wheat, soybeans, cotton, and rice. Current methods of summarization for non-probability commodities are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors at around five percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program Changes: After the Council on Food, Agricultural and Resource Economics (C-FARE) 2009 program review which included changes in farm production practices, plans were implemented to make necessary program improvements in the agricultural price program. The index group structure for prices received was modified to maintain a more universal structure and consistency with the required 1910-1914 series.

Modifications implemented January 2014 include the following: updated the current 1990-1992 base reference period to 2011; linked the 1910-1914 series to the updated base reference period, 2011; created index groups used universally by researchers, data users, and policymakers; and re-classified agricultural commodities into the index groups. Also, the modifications expanded the commodity coverage for vegetable, melon, non-citrus, and tree nuts; updated monthly market weights; and adjusted (normalized) current five year moving average cash receipts and farm input cost weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

February Prices Paid by Farmers

The February Prices Paid Index for Commodities and Services, Interest, Taxes, and Farm Wage Rates (PPITW), at 126.2, is up 1.5 percent from January 2022 and 12 percent from February 2021.

Production: The February index, at 123.9, is up 2.1 percent from January and 16 percent from last year. Compared with last month, prices are higher for feeder pigs, nitrogen, complete feeds, and feed grains.

Feed: At 123.6, the February index increased 3.1 percent from January and 13 percent from last February. Since January, prices are higher for complete feeds, feed grains, supplements, concentrates, and hay & forages.

Livestock and poultry: The February index, at 125.3, increased 4.1 percent from January and 19 percent from last year. Since January, prices are higher for feeder pigs and feeder cattle. The February feeder cattle price, at \$166.00 per cwt, is up \$3.00 per cwt from January. The February feeder pigs price, at \$284.00 per cwt, is up \$58.00 per cwt from January.

Fertilizer: The index for February, at 114.5, is up 4.6 percent from January and 71 percent from February a year ago. Since January, prices are higher for nitrogen but unchanged for mixed fertilizer and potash & phosphate.

Chemicals: The February index, at 112.0, is unchanged from January but up 21 percent from last February.

Fuels: At 74.9, the February index is up 8.1 percent from January and 32 percent from February 2021. Compared with January, prices are higher for diesel, LP gas, and gasoline.

Machinery: The index for February, at 150.3, increased 3.4 percent from January and 22 percent from last February. Compared with last month, prices are higher for other machinery, tractors, and self-propelled machinery.

Consumer Price Index: The February 2022 Consumer Price Index for All Urban Consumers (CPI-U), as issued by the Bureau of Labor Statistics, increased 7.9 percent over the last 12 months to an index level of 283.716 (1982-1984=100). For the month, the index increased 0.9 percent prior to seasonal adjustment.

Prices Paid Indexes and Related Parity Ratios - United States: February 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov]

Index Group		1910-1914 Base			2011 Base	
and Ratios	February 2021	January 2022	February 2022	February 2021	January 2022	February 2022
	(percent)	(percent)	(percent)	(percent)	(percent)	(percent)
Prices paid by farmers for						
commodities, services,						
interest, taxes, and wage						
rates (PPITW)	3037	3363	3416	112.2	124.3	126.2
Production	2232	2526	2578	107.2	121.3	123.9
Feed	1201	1322	1362	109.0	119.9	123.6
Livestock and poultry	2088	2377	2473	105.7	120.4	125.3
Seeds	3711	3718	3718	112.9	113.1	113.1
Fertilizer	807	1319	1379	67.0	109.5	114.5
Chemicals	830	1006	1006	92.4	112.0	112.0
Fuels	1585	1939	2095	56.7	69.3	74.9
Supplies and repairs	1399	1575	1592	118.6	133.5	134.9
Autos and trucks	3316	3716	3726	107.9	120.9	121.2
Machinery	7554	8884	9188	123.6	145.4	150.3
Building materials	2993	3645	3696	128.7	156.7	158.9
Services and rent	2499	2604	2612	(NA)	(NA)	(NA)
Services	(NA)	(NA)	(NA)	118.6	126.1	126.7
Rent	(NA)	(NA)	(NA)	116.1	116.9	116.9
Interest ¹	4063	4186	4186	111.4	114.8	114.8
Taxes ²	7719	8006	8006	130.0	134.9	134.9
Wage rates	10373	10617	10617	144.9	148.3	148.3
Family living-CPI ³	2498	2671	2695	116.9	125.0	126.2
Production, interest, taxes,						
and wage rates (PITW)	3143	3500	3560	111.4	124.1	126.3
Ratio (received/paid)	(NA)	(NA)	(NA)	85	90	95
Parity ratio 4	32	34	36	(NA)	(NA)	(NA)
Parity ratio adjusted ⁵	34	35	37	(NA)	(NA)	(NA)
PPITW adjusted for				` '	` '	()
productivity ⁶	1791	1916	1926	(NA)	(NA)	(NA)
Crop sector (PPITW)	(NA)	(NA)	(NA)	112.0	124.2	125.5
Livestock sector (PPITW)	(NA)	(NA)	(NA)	112.4	124.2	126.9
_ , , , , , , ,				100 5		
Farm sector (production)	(NA)	(NA)	(NA)	108.6	118.9	122.3
Non-farm sector (production)	(NA)	(NA)	(NA)	106.3	122.9	124.9

(NA) Not available.

Interest per acre on farm real estate debt and interest rate on farm non-real estate debt.
Farm real estate taxes payable per acre.

Bureau of Labor Statistics, Consumer Price Index for all urban consumers (CPI-U), converted by the USDA.
 Ratio of index of prices received to PPITW (1910-1914=100).

⁵ Based on estimated cash receipts, from marketings and government payments, the preliminary adjustment factor is updated annually.

⁶ PPITW is adjusted based on productivity trend for the prior 15 years.

Prices Paid Indexes and Annual Weights for Input Components and Sub-components – United States: February 2022 with Comparisons

[Revised historical price indexes for months not shown are available at www.nass.usda.gov. Relative weights are five year moving averages]

Production items	Revised historical price indexes for months not show	Relative w		Indexes (2011=100)		
Production items	Index Group	2021	2022			
Feed grains		(percent)	(percent)	(percent)	(percent)	(percent)
Feed grains	Production items	72.8	72.5	107.2	121.3	123.9
Feed grains	Feed	13.8	13.6	109.0	119.9	123.6
Complete feeds 6, 6, 7, 13.1 124.6 127.9 129.4 122.1 Concentrates 2.2 2.2 120.0 118.1 119.6 Supplements 1.2 1.1 115.2 136.7 140.8 Livestock and poultry 9.5 9.6 105.7 120.4 122.1 12.5 Feeder cattle 7.4 7.5 102.8 119.2 121.2 Feeder pigs 0.8 0.8 0.8 136.6 161.4 202.9 Milk cow replacements 0.8 0.8 0.8 95.8 97.2 97.2 Poultry 0.6 0.6 0.6 113.1 113.1 113.1 113.1 113.1 Seeds 5.5 0.5 1.1 112.9 113.1 11		2.0	1.9	83.1	95.8	104 4
Hay and forages	•					
Concentrates 22 22 11 1152 136.7 140.8 Supplements 12 1.1 1152 136.7 140.8 Livestock and poultry 9.5 9.6 105.7 120.4 125.3 Feeder cattle 7.4 7.5 102.8 119.2 121.2 Feeder pigs 0.8 0.8 0.8 138.6 161.4 202.9 Milk cow replacements 0.8 0.8 0.8 95.8 97.2 97.2 97.2 Poultry 0.6 0.6 0.6 113.1 113.1 113.1 Seeds 5.0 5.1 112.9 113.1 113.1 Field crops 4.6 4.6 4.6 111.6 111.2 113.1 113.1 Feeditizer 5.4 5.5 6.7 119.8 119.8 119.8 Fertilizer 5.4 5.5 6.7 109.5 114.5 Mixed fertilizer 2.4 2.4 2.4 65.8 </td <td></td> <td></td> <td></td> <td></td> <td></td> <td>-</td>						-
Supplements						
Livestock and potulty						
Feeder cattle						
Feeder pigs					-	
Milk cow replacements 0.8 0.8 95.8 97.2 97.2 Poultry 0.6 0.6 113.1 113.1 113.1 Seeds 5.0 5.1 112.9 113.1 113.1 Field crops 4.6 4.6 111.6 112.4 112.4 Grasses and legumes 0.5 0.5 0.5 125.4 118.8 119.8 Fertilizer 5.4 5.5 67.0 109.5 114.5 Mixed fertilizer 2.4 2.4 65.8 86.1 86.1 Nitrogen 2.3 2.3 2.3 69.5 136.2 148.0 148.0 149.0<	Feeder cattle		7.5			
Poultry 0.6 0.6 113.1 113.1 113.1 Seeds 5.0 5.1 112.9 113.1 113.1 Field crops 4.6 4.6 111.6 112.4 112.4 Grasses and legumes 0.5 0.5 125.4 119.8 119.8 Fertilizer 5.4 5.5 67.0 109.5 114.5 Mixed fertilizer 2.4 2.4 65.8 86.1 86.1 Nitrogen 2.3 2.3 69.5 136.2 148.0 Potash and phosphate 0.8 0.8 63.6 103.3 103.3 Chemicals 3.6 3.6 3.6 92.4 112.0 112.0 Herbicides 2.2 2.3 93.4 112.0 112.0 Herbicides 2.2 2.3 93.4 112.0 112.0 Fungicides and other 0.5 0.5 0.5 99.9 109.4 109.4 Fungicides and other 0.5 0.5	Feeder pigs	0.8	0.8	138.6	161.4	202.9
Poultry 0.6 0.6 113.1 113.1 113.1 Seeds 5.0 5.1 112.9 113.1 113.1 Field crops 4.6 4.6 111.6 112.4 112.4 Grasses and legumes 0.5 0.5 125.4 119.8 119.8 Fertilizer 5.4 5.5 67.0 109.5 114.5 Mixed fertilizer 2.4 2.4 65.8 86.1 86.1 Nitrogen 2.3 2.3 69.5 136.2 148.0 Potash and phosphate 0.8 0.8 63.6 103.3 103.3 Chemicals 3.6 3.6 3.6 92.4 112.0 112.0 Herbicides 2.2 2.3 93.4 112.0 112.0 Herbicides 2.2 2.3 93.4 112.0 112.0 Fungicides and other 0.5 0.5 0.5 99.9 109.4 109.4 Fungicides and other 0.5 0.5	Milk cow replacements	0.8	0.8	95.8	97.2	97.2
Field crops		0.6	0.6	113.1	113.1	113.1
Field crops	Seeds	5.0	5.1	112.9	113.1	113.1
Grasses and legumes 0.5 0.5 125.4 119.8 119.8 Fertilizer 5.4 5.5 67.0 109.5 114.5 Mixed fertilizer 2.4 65.8 86.1 86.1 Nitrogen 2.3 2.3 69.5 136.2 148.0 Potash and phosphate 0.8 0.8 63.6 103.3 103.3 Chemicals 3.6 3.6 3.6 92.4 112.0 112.0 Herbicides 2.2 2.3 93.4 113.2 113.2 Insecticides 0.8 0.8 0.8 89.9 109.4 109.4 Fungicides and other 0.5 0.5 91.9 111.2 111.2 111.2 Fuels 3.3 2.7 56.7 69.3 74.9 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4 109.4						112.4
Fertilizer				-		
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Nitrogen 2.3 2.3 69.5 136.2 148.0 Potash and phosphate 0.8 0.8 63.6 103.3 103.3 Chemicals 3.6 3.6 92.4 112.0 112.0 Herbicides 2.2 2.3 93.4 113.2 113.2 Insecticides 0.8 0.8 89.9 109.4 109.4 Fungicides and other 0.5 0.5 91.9 111.2 111.2 Fuels 3.3 2.7 56.7 69.3 74.9 Diesel 2.0 1.7 49.2 62.0 67.1 Gasoline 0.7 0.6 55.1 70.1 74.2 LP gas 0.5 0.5 86.2 95.4 104.7 Supplies and repairs 4.5 4.5 4.5 18.6 133.5 134.9 Supplies and repairs 3.0 3.0 11.7 18.6 133.5 134.9 Supplies and repairs 4.5 4.5 <t< td=""><td></td><td>_</td><td></td><td></td><td></td><td>_</td></t<>		_				_
Potash and phosphate 0.8 0.8 63.6 103.3 103.3 Chemicals 3.6 3.6 92.4 112.0 112.0 Herbicides 2.2 2.3 93.4 113.2 113.2 Insecticides 0.8 0.8 8.9.9 109.4 109.4 Fundicides and other 0.5 0.5 91.9 111.2 111.2 Fuels 3.3 2.7 56.7 69.3 74.9 Diesel 2.0 1.7 49.2 62.0 67.1 Gasoline 0.7 0.6 55.1 70.1 74.9 Le gas 0.5 0.5 86.2 95.4 104.7 Supplies and repairs 4.5 4.5 118.6 133.5 134.9 Supplies and repairs 3.0 3.0 117.8 133.0 133.5 134.9 Supplies and repairs 4.5 4.5 118.6 133.5 134.9 Supplies and repairs 3.0 3.0 117						
Chemicals 3.6 3.6 3.6 92.4 112.0 112.0 Herbicides 2.2 2.3 93.4 113.2 113.2 Insecticides 0.8 0.8 89.9 109.4 109.4 Fungicides and other 0.5 0.5 91.9 111.2 111.2 Fuels 3.3 2.7 56.7 69.3 74.9 Dissel 2.0 1.7 49.2 62.0 67.1 Gasoline 0.7 0.6 55.1 70.1 74.2 LP gas 0.5 0.5 86.2 95.4 104.7 Supplies and repairs 4.5 4.5 118.6 133.5 134.9 Supplies and rucks 1.5 1.5 120.2 134.6 136.9 Repairs 3.0 3.0 3.0 117.8 133.0 133.9 Autos and trucks 1.1 1.2 107.9 120.9 121.2 Autos 0.1 0.2 102.7						
Herbicides						
Insecticides						
Fungicides and other 0.5 0.5 91.9 111.2 111.2 Fuels 3.3 2.7 56.7 69.3 74.9 Diesel 2.0 1.7 49.2 62.0 67.1 Gasoline 0.7 0.6 55.1 70.1 74.2 LP gas 0.5 0.5 86.2 95.4 104.7 Supplies and repairs 4.5 4.5 118.6 133.5 134.9 Supplies and repairs 1.5 1.5 120.2 134.6 136.9 Repairs 3.0 3.0 117.8 133.0 133.9 Autos and trucks 1.1 1.2 107.9 120.9 121.2 Autos and trucks 0.1 0.2 102.7 114.7 115.1 Trucks 0.1 0.2 102.7 114.7 115.1 Trucks 1.0 1.0 108.7 121.8 122.1 Machinery 4.3 4.3 123.6 145.4 150.3 <td></td> <td></td> <td></td> <td></td> <td></td> <td>_</td>						_
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Diesel 2.0 1.7 49.2 62.0 67.1 Gasoline 0.7 0.6 55.1 70.1 74.2 LP gas 0.5 0.5 86.2 95.4 104.7 Supplies and repairs 4.5 4.5 118.6 133.5 134.9 Supplies 1.5 1.5 120.2 134.6 136.9 Repairs 3.0 3.0 117.8 133.0 133.9 Autos and trucks 1.1 1.2 107.9 120.9 121.2 Autos 0.1 0.2 102.7 114.7 115.1 Trucks 1.0 1.0 108.7 121.8 122.1 Machinery 4.3 4.3 123.6 145.4 150.3 Tractors 0.9 0.9 113.0 132.5 136.9 Self-propelled 1.7 1.7 121.8 132.3 134.5 Other machinery 1.6 1.6 131.7 166.6 174.9	Fungicides and other	0.5	0.5	91.9	111.2	111.2
Gasoline 0.7 0.6 55.1 70.1 74.2 LP gas 0.5 0.5 86.2 95.4 104.7 Supplies and repairs 4.5 4.5 118.6 133.5 134.9 Supplies 1.5 1.5 120.2 134.6 136.9 Repairs 3.0 3.0 117.8 133.0 133.9 Autos and trucks 1.1 1.2 107.9 120.9 121.2 Autos and trucks 0.1 0.2 102.7 114.7 115.1 Trucks 1.0 1.0 108.7 121.8 122.1 Machinery 4.3 4.3 123.6 145.4 150.3 Tractors 0.9 0.9 113.0 132.5 136.9 Self-propelled 1.7 1.7 121.8 132.3 134.5 Other machinery 1.6 1.6 131.7 166.6 174.9 Building materials 3.7 3.6 128.7 156.7 158.9 Services 11.8 11.7 118.6 126.1	Fuels	3.3	2.7	56.7	69.3	74.9
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Self-propelled 1.7 1.7 121.8 132.3 134.5 Other machinery 1.6 1.6 131.7 166.6 174.9 Building materials 3.7 3.6 128.7 156.7 158.9 Services 11.8 11.7 118.6 126.1 126.7 Custom rates 1.2 1.2 114.7 114.7 114.7 Other services 10.6 10.5 119.0 127.4 128.1 Rent 6.8 7.0 116.1 116.9 116.9 Cash 3.6 3.8 124.5 125.9 125.9 Share 3.1 3.2 106.5 106.5 106.5 Interest 2.5 2.2 111.4 114.8 114.8 Taxes 3.1 3.2 130.0 134.9 134.9 Wage rates 7.5 7.8 144.9 148.3 148.3		4.3	4.3	123.6	145.4	150.3
Self-propelled 1.7 1.7 121.8 132.3 134.5 Other machinery 1.6 1.6 131.7 166.6 174.9 Building materials 3.7 3.6 128.7 156.7 158.9 Services 11.8 11.7 118.6 126.1 126.7 Custom rates 1.2 1.2 114.7 114.7 114.7 Other services 10.6 10.5 119.0 127.4 128.1 Rent 6.8 7.0 116.1 116.9 116.9 Cash 3.6 3.8 124.5 125.9 125.9 Share 3.1 3.2 106.5 106.5 106.5 Interest 2.5 2.2 111.4 114.8 114.8 Taxes 3.1 3.2 130.0 134.9 134.9 Wage rates 7.5 7.8 144.9 148.3 148.3	Tractors	0.9	0.9	113.0		136.9
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Building materials 3.7 3.6 128.7 156.7 158.9 Services 11.8 11.7 118.6 126.1 126.7 Custom rates 1.2 1.2 114.7 114.7 114.7 Other services 10.6 10.5 119.0 127.4 128.1 Rent 6.8 7.0 116.1 116.9 116.9 Cash 3.6 3.8 124.5 125.9 125.9 Share 3.1 3.2 106.5 106.5 106.5 Interest 2.5 2.2 111.4 114.8 114.8 Taxes 3.1 3.2 130.0 134.9 134.9 Wage rates 7.5 7.8 144.9 148.3 148.3	• •	1.6				
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Taxes 3.1 3.2 130.0 134.9 134.9 Wage rates 7.5 7.8 144.9 148.3 148.3						
Taxes 3.1 3.2 130.0 134.9 134.9 Wage rates 7.5 7.8 144.9 148.3 148.3						
Wage rates	_					
Family living-CPI						
120.2	Family living-CPI	14.1	14.3	116.9	125.0	126.2

Feed Price Ratios - United States: February 2022 with Comparisons

Feed price ratio ¹	February 2021	January 2022	February 2022
Broiler-feed: pounds of broiler grower feed equal in value to 1 pound of broiler, live weight ²	3.2	5.3	4.5
Market egg feed: pounds of laying feed equal in value to 1 dozen eggs ³	6.3	9.8	8.4
Hog-corn: bushels of corn equal in value to 100 pounds of hog, live weight	11.9	10.6	11.2
Milk-feed: pounds of 16% mixed dairy feed equal in value to 1 pound of whole milk ⁴	1.80	2.18	2.07
Steer & heifer-corn: bushels of corn equal in value to 100 pounds of steer & heifers, live weight	24.2	25.0	23.1
Turkey-feed: pounds of turkey grower equal in value to 1 pound of turkey, live weight 5	6.0	6.2	5.7

¹ Effective January 1995, prices of commercial prepared feeds are based on current United States prices received for corn, soybeans, alfalfa hay, and all wheat.

Prices Received Used to Calculate Feed Price Ratios - United States: February 2022 with Comparisons

[Price data source for livestock and poultry commodities is United States Department of Agriculture's Agriculture Marketing Service]

ltem	February 2021	January 2022	February 2022	
	(dollars)	(dollars)	(dollars)	
Broilers, livepound Eggs, marketdozen	0.438	0.790	0.747	
	0.735	1.26	1.21	
Hogs, allcwt	56.40	58.80	68.60	
Milk, allcwt	17.10	24.20	24.70	
Steers and heifers	115.00	139.00	141.00	
	0.737	0.867	0.898	
Cornbushel Hay, alfalfaton	4.75	5.57	6.10	
	171.00	211.00	214.00	
Soybeansbushel Wheat, allbushel	12.70	12.90	14.80	
	5.83	8.48	9.17	

Prices Paid for Feeder Livestock - United States: February 2022 with Comparisons

[Price data source is United States Department of Agriculture's Agriculture Marketing Service]

Item	February 2021	January 2022	February 2022	
	(dollars)	(dollars)	(dollars)	
Feeder cattle & calvescwt Feeder pigscwt	141.00 194.00	163.00 226.00	166.00 284.00	

² The price of commercial prepared broiler feed is based on current United States prices received for corn and soybeans. The modeled feed uses 58 percent corn and 42 percent soybeans.

The price of commercial prepared layer feed is based on current United States prices received for corn and soybeans. The modeled feed uses 75 percent corn and 25 percent soybeans.

The price of commercial prepared dairy feed is based on current United States prices received for corn, soybeans, and alfalfa. The modeled feed

uses 51 percent corn, 8 percent soybeans, and 41 percent alfalfa.

⁵ The price of commercial prepared turkey feed is based on current United States prices received for corn, soybeans, and wheat. The modeled feed uses 51 percent corn, 28 percent soybeans, and 21 percent wheat.

Reliability of Prices Paid Estimates

Definition: Prices paid by farmers represent the average costs of inputs purchased by farmers and ranchers to produce agricultural commodities. Conceptually, the average price when multiplied by quantity purchased should equal total producer expenditures for the item.

Survey procedures: The prices paid data are obtained from establishments that sell goods and services to farmers and ranchers. Annually, about 8,500 firms are randomly selected from lists by type of item sold with an average response rate in the range of 75-80 percent. Firms are asked to report the price for the specified item "most commonly bought by farmers" or that was the "volume seller". Approximately 135 items are surveyed each March to represent all production input items purchased. The survey reference period for most items is the five business days centered at the 15th of the month. Separate prices paid surveys are conducted for agricultural chemicals, fuels, feed, fertilizer, machinery, and seed.

Summary and estimation procedures: The annual March Prices Paid Survey is summarized as a non-probability survey. Average prices reported are aggregated to the region and United States level using weights available from expenditure data and other administrative sources. Price recommendations are prepared by the Regional Field Offices and Headquarters for review by the Agricultural Statistics Board in Washington, D.C. Also, the change in price level for individual items surveyed are combined to the regional and United States levels, and are published as prices paid indexes referenced to a specific base period. Prices paid indexes for new autos and trucks, building materials, farm supplies, motor supplies, and marketing containers are updated based on price changes measured in selected Bureau of Labor Statistics (BLS) indexes.

Revisions: Any revisions are published in the monthly and in annual issues of Agricultural Prices. The basis for revision must be supported by additional data that directly affect the level of the estimate. More revisions are likely for March when separate prices paid surveys are conducted, in lieu of BLS indexes, by the USDA to measure price change.

Reliability: Current methods of summarization for the March data are not designed directly to calculate sampling errors. However, analytical measures approximate the United States relative sampling errors for major items around 10 percent. Any non-sampling errors are attributed to such things as the inability to obtain correct information, differences in interpreting questions or definitions, mistakes in coding or processing the data, etc. Efforts are made at each step in the survey process to minimize these non-sampling errors.

Program change: Effective January 2014, the National Agricultural Statistics Service modified the five-year moving weights and updated the base reference period. In January 2015, publication of preliminary prices was suspended, and the annual average index was replaced by an annual index.

As of January 2014, the 1990-1992 base reference period was updated to 2011. Five-year moving average weights are adjusted (normalized) to minimize the effects of price changes. The 1910-1914=100 price indexes, required by statute for computing parity prices, were linked forward based on the changes in the new 2011=100 indexes. The new indexes were constructed by multiplying the ratios of the current prices to the base period prices by the moving average weights.

Modifications implemented January 2015 discontinued preliminary prices and replaced the annual average index with an annual index.

The April 2015 program update discontinued publication of the annual March survey prices paid data.

The February 2016 program update changed the rounding of the 2011 base period indexes to nearest tenth of a percent. The 1910-1914 base period indexes remain rounded to the nearest whole number.

See Price Program Links at end of this report for program change details.

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- Cornell's Mann Library has launched a new website housing NASS's and other agency's archived reports. The new website, https://usda.library.cornell.edu. All email subscriptions containing reports will be sent from the new website, https://usda.library.cornell.edu. To continue receiving the reports via e-mail, you will have to go to the new website, create a new account and re-subscribe to the reports. If you need instructions to set up an account or subscribe, they are located at: https://usda.library.cornell.edu/help. You should whitelist notifications@usda-esmis.library.cornell.edu in your email client to avoid the emails going into spam/junk folders.

For more information on NASS surveys and reports, call the NASS Agricultural Statistics Hotline at (800) 727-9540, 7:30 a.m. to 4:00 p.m. ET, or e-mail: nass@usda.gov.

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Price Program Links

Economics and Prices

http://www.nass.usda.gov/Statistics by Subject/Economics and Prices/index.php

January 2014 Price Program Update

http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/updates.pdf

January 2015 Price Program Update

http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/update2015.pdf

April 2015 Price Program Update

http://www.nass.usda.gov/Surveys/Guide_to_NASS_Surveys/Prices/updateApr2015.pdf

February 2016 Price Program Update

http://www.nass.usda.gov/Surveys/Guide to NASS Surveys/Prices/updateFeb2016.pdf